

Adopted Right Ascensions and North Polar Distances of Stars observed with the Comet.

Star.	Mag.	R.A. 1884 <sup>o</sup> .			N.P.D. 1884 <sup>o</sup> .			Reduct. to App. Place.	Authority for Star's Mean Place.
		<sup>h</sup>	<sup>m</sup>	<sup>s</sup>	<sup>o</sup>	<sup>'</sup>	<sup>"</sup>	<sup>s</sup>	
<i>r</i>	8	21	2	16.77	109	11	40.2	+3.25 -19.6	3 Obs. Cape, 1884.
<i>s</i>	9	21	5	15.53	108	57	25.9	+3.24 -19.7	Equat. diff. from <i>s'</i> .
<i>s'</i>	8½	21	3	49.83	108	55	44.3	+3.24 -19.7	2 Obs. Cape (= AOe <sub>2</sub> 21180).
<i>t</i>	8½	21	8	37.75	108	34	59.4	+3.23 -19.9	4 Obs. Cape, 1884.
<i>v</i>	10	21	10	35.30	108	8	16.6	+3.22 -20.0	Equat. diff. from <i>v'</i>
<i>v'</i>	9	21	13	16.30	108	7	26.8	+3.23 -20.1	3 Obs. Cape, 1884.
<i>w</i>	8½	21	20	1.46	107	9	40.1	+3.20 -20.5	2 „ „
<i>x</i>	9½	21	31	49.03	105	44	28.4	+3.17 -21.0	Equat. diff. from <i>x'</i> .
<i>x'</i>	8	21	36	22.20	105	51	41.8	+3.19 -21.0	2 Obs. Cape, 1884.

Resulting Places of the Comet.

Date.	Cape Mean Time.			Right Ascension.	Log. par. factor.	North Polar Distance.	Log. par. factor.
	<sup>h</sup>	<sup>m</sup>	<sup>s</sup>	<sup>h</sup>	<sup>m</sup>	<sup>s</sup>	
Oct. 14	9	53	42.7	21	2	13.61	8.545
15	9	45	49.0	21	5	14.49	8.526
16	11	1	50.6	21	8	23.66	8.676
17	9	56	51.5	21	11	14.38	8.556
20	10	33	4.0	21	20	2.96	8.618
24	10	26	26.6	21	31	21.43	8.627

Notes.

- Oct. 15. Comet faint ; difficult in R.A.  
 16. Comet *very* faint.  
 20, 24. Comet excessively faint.

Errata, Monthly Notices, vol. xlv. 1.

- Page 46. In  $\Delta\alpha$  for Sept. 21, for -0 16.20 read -0 16.70.  
 49. Aug. 14. For Cape Mean Time read 9<sup>h</sup> 48<sup>m</sup> 55<sup>s</sup>.4.  
 49. Sept. 21. For R.A. read 19<sup>h</sup> 43<sup>m</sup> 24<sup>s</sup>.52.

Observations of Comet 1884 (Wolf) made at the Royal Observatory, Cape of Good Hope.

(Communicated by D. Gill, LL.D., F.R.S., H.M. Astronomer).

1884.	Cape Mean Time.	Comet-*			No. of Comp.	Obser- ver.	Comet α App.			Log. (p × Δ)	Comet δ App.		Log. (p × Δ)	Red. to App. Place.	Comp. Star No.
		Δα	Δδ	Δs			h	m	s		δ	'			
Oct. 20	h m s														
	8 49 36.7	-0 32.94	+0 38.9	+0 38.9	30.16	F	21	47	43.01	8.175	+8	11	1.0	+3.21	+28.8
	23	+0 51.91	+1 52.0	+1 52.0	8.6	F	21	53	8.77	8.601	+6	45	53.0	+3.19	+28.4
	24	+0 19.88	+0 26.2	+0 26.2	14.20	F	21	54	51.27	8.280	+6	20	58.5	+3.20	+28.2
	25	+0 35.23	+2 24.3	+2 24.3	16.20	F	21	56	45.52	8.406	+5	54	38.6	+3.19	+28.1
Nov. 3	8 51 22.4	+0 38.90	+4 55.7	+4 55.7	10.8	F	22	14	54.58	8.326	+2	17	27.1	+3.16	+26.8
	4	-0 31.73	-3 31.9	-3 31.9	12.12	F	22	17	3.96	8.361	+1	55	14.9	+3.18	+26.7
	6	+0 35.08	+3 57.0	+3 57.0	14.6	F	22	21	26.87	8.365	+1	12	45.0	+3.16	+26.3
	8	+0 12.69	+3 8.0	+3 8.0	30.20	F	22	27	1.55	8.288	+0	34	2.0	+3.18	+26.0
	10	+0 46.56	-1 44.2	-1 44.2	20.16	F	22	30	27.40	8.317	-0	6	24.8	+3.16	+25.7
	12	+0 21.98	-2 53.9	-2 53.9	20.16	F				8.298				+3.15	+25.4
	17	-1 5.27	+3 15.9	+3 15.9	16.12	F				8.336				+3.15	+24.4
	18	+0 51.86	-0 13.7	-0 13.7	16.8	F	22	49	24.36	8.473	-2	21	1.2	+3.16	+24.3
	25	-1 29.69	+2 5.4	+2 5.4	10.8	F				8.382				+3.16	+22.9
	Dec. 9	+0 34.17	+6 46.1	+6 46.1	20.16	F	23	42	32.76	8.527	-5	45	42.2	+3.15	+20.2
1885.	15	+0 36.99	-3 17.9	-3 17.9	20.16	F				8.515				+3.15	+19.0
	Jan. 7	-0 33.58	+1 8.1	+1 8.1	8.12	F	0	57	2.05	8.609	-5	53	7.0	+0.16	-5.2
	10	+0 43.91	-2 44.3	-2 44.3	7.8	F	1	4	34.79	8.607	-5	41	26.9	+0.15	-5.6